Robert C. Colwell, Reg. No. 27,431 (650) 326-2400

Applicant: Hiroki KANAI, et al.

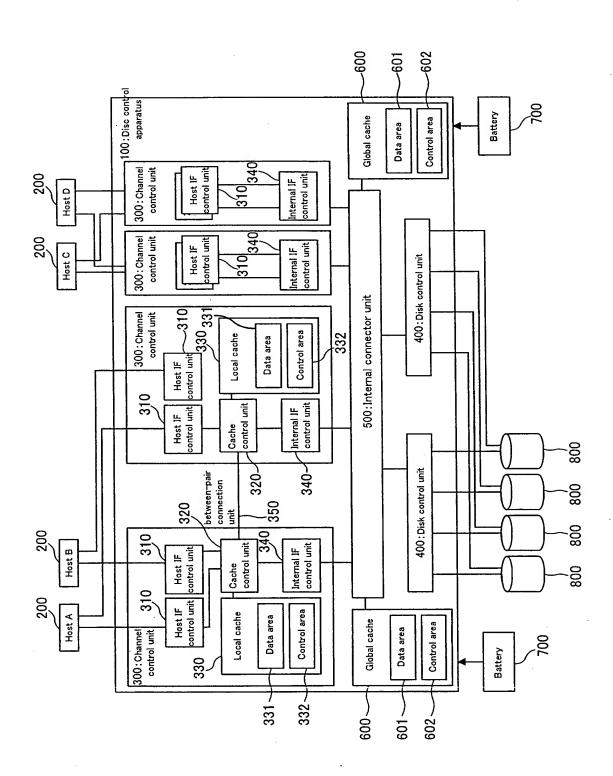
Title: Storage Control Apparatus, Storage System, Control Method...

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Sheet 1 f 22

FIG. 1

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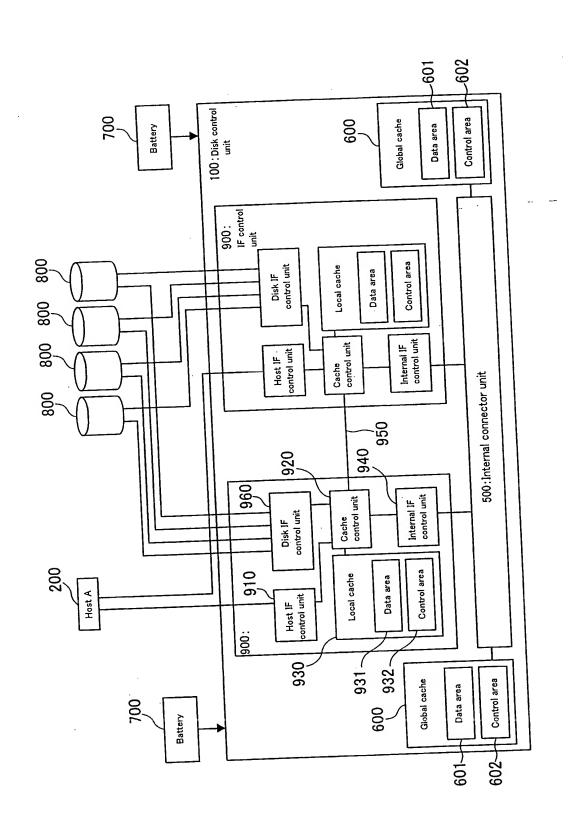
Titl: Storage Control Apparatus, Storage System, Control Method...

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FIG. 2

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FIG. 3

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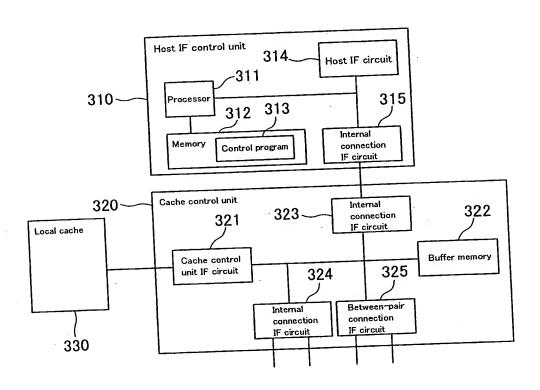
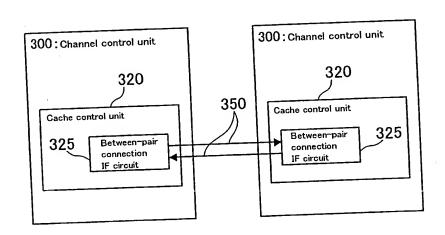


FIG. 4



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FIG. 5

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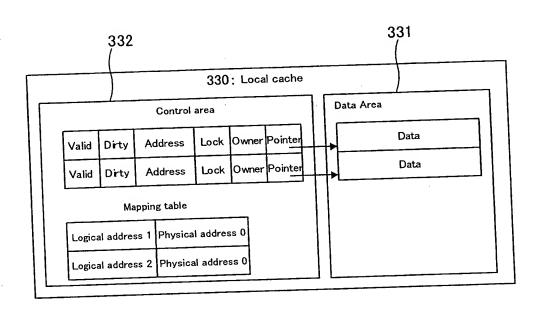
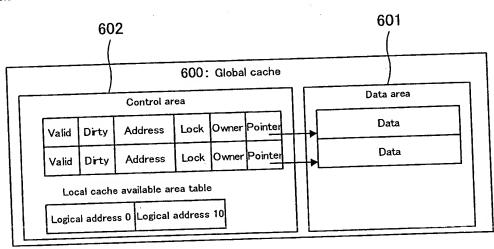


FIG. 6

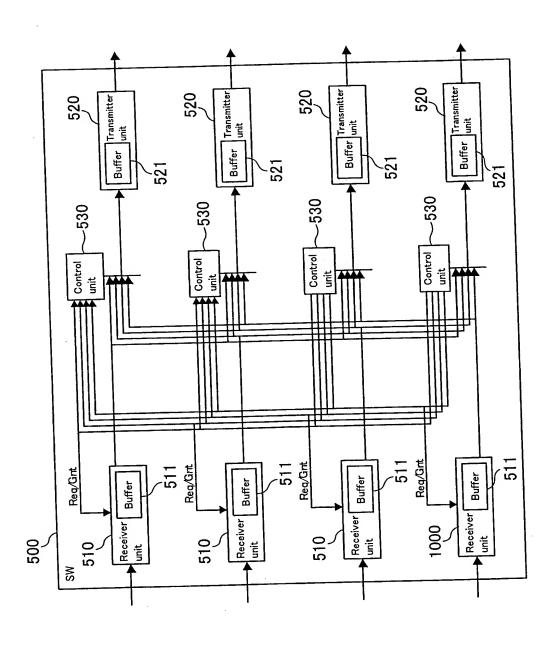


Titl: Storage Control Apparatus, Storage System, Control Method...

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FIG. 7

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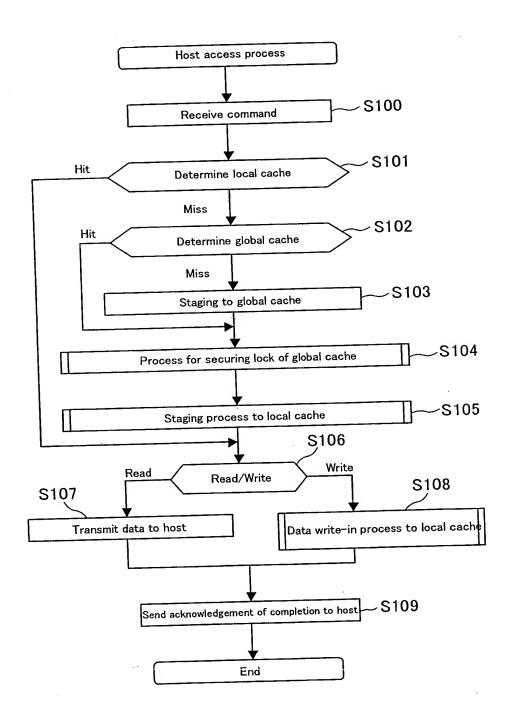
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FIG. 8

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FIG. 9

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(a)	Address of destination	Address of origin	Length to be transferred	Command write	Size to be transferred	·
(b)	Address of destination		Length to be transferred			Data
(c)	Address of destination		Length to be transferre	Status information		
(d)	Address destination	1 .	Length to be transferre	Comman Read	d	
(e)	Address destinat		Length to be transferr	ed		Data
(f)	Address destinat		of Length to be transfer	Status informa	tion	

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FIG. 10

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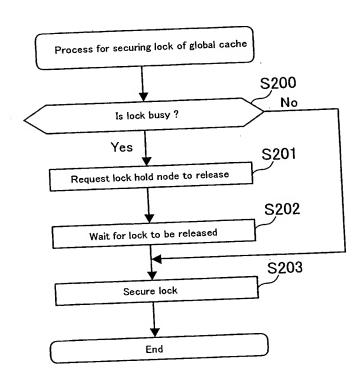


FIG. 11

Address of destination processor Address of destination processor processor

processor processor	(b)	destination	origin	Length to be transferred	Response message
---------------------	-----	-------------	--------	-----------------------------	---------------------

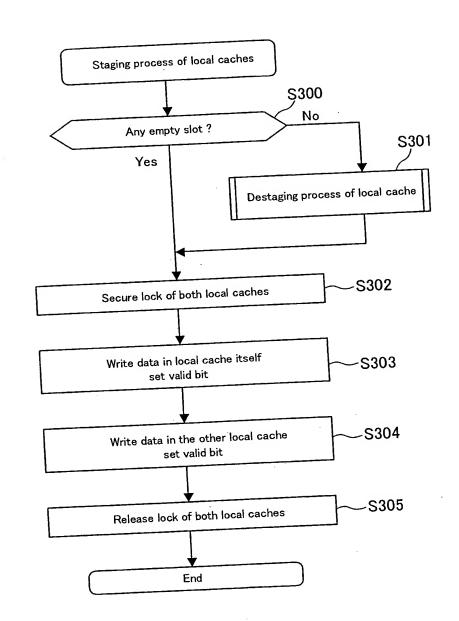
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FIG. 12

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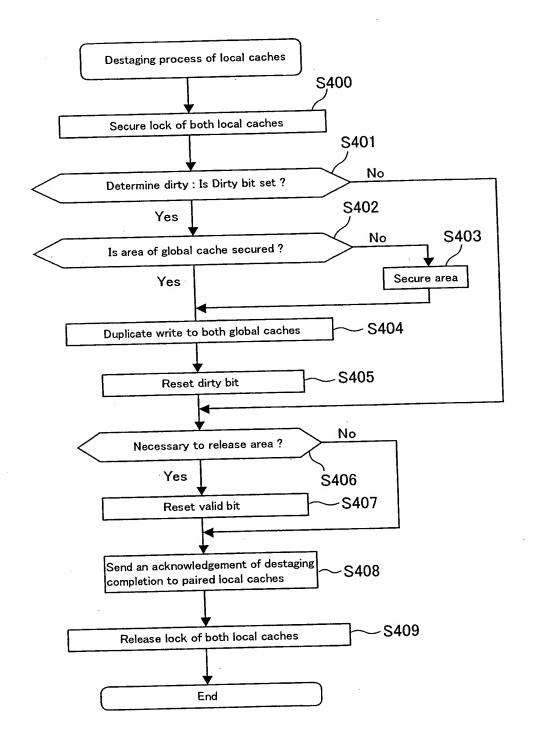
Title: Storage Control Apparatus, Storage System, Control Method...

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FIG. 13

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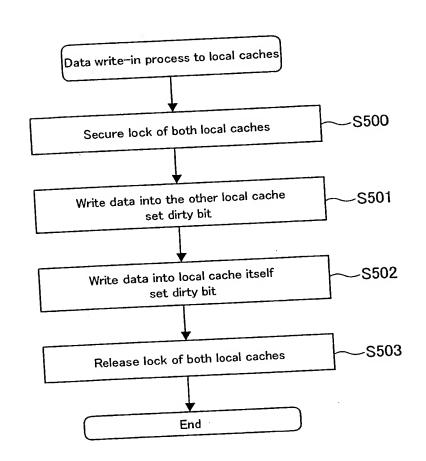


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FIG. 14

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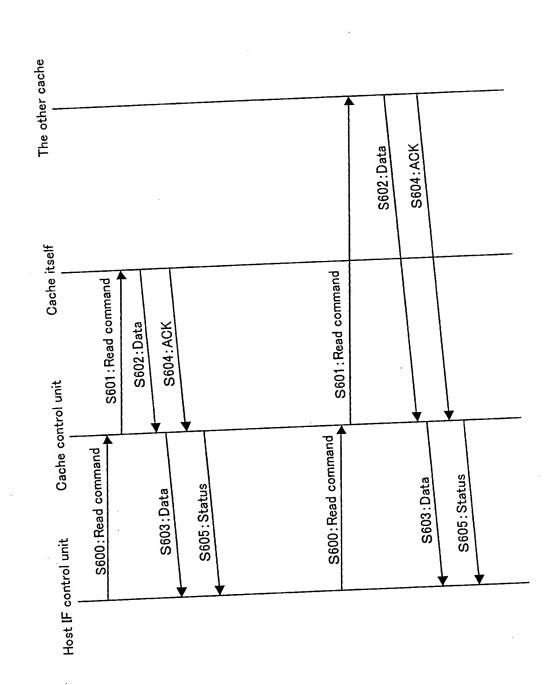


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FIG. 15

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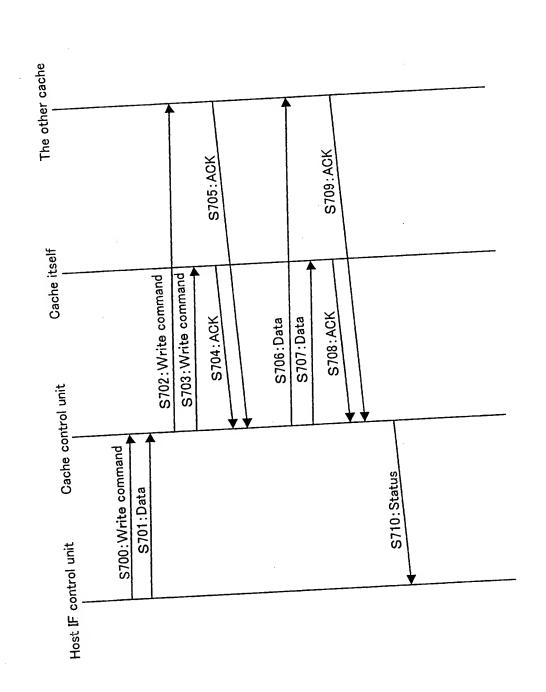
Titl: Storage Control Apparatus, Storage System, Control Method...

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FIG. 16

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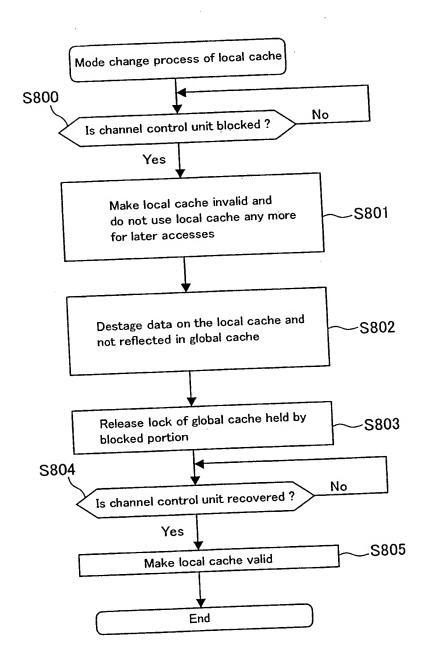


Title: Storage Control Apparatus, Storage System, Control Method...

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FIG. 17

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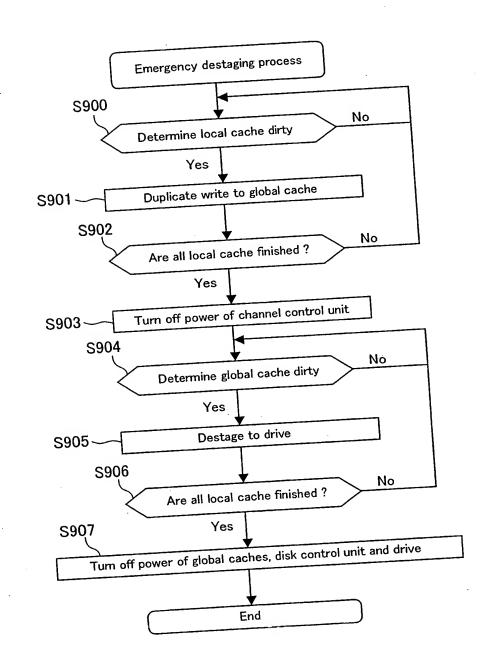


Titl: Storage Control Apparatus, Storage System, Control Method...

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FIG. 18

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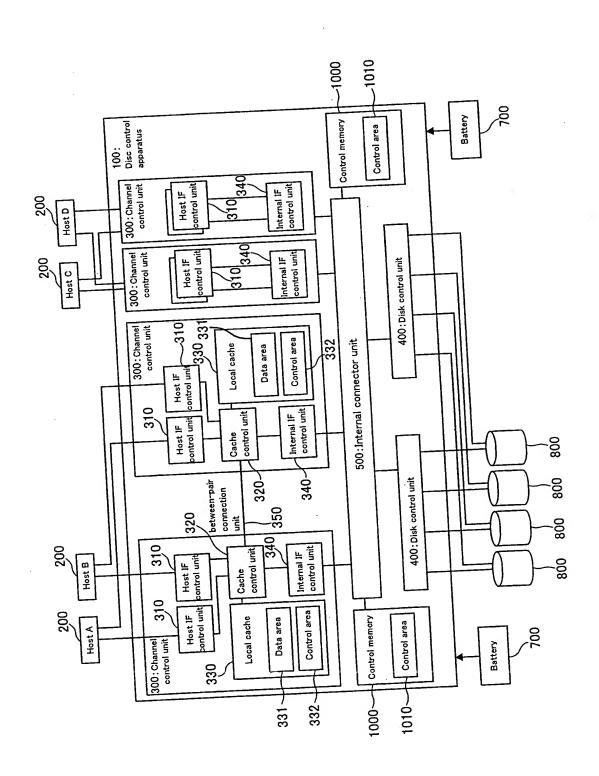
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Title: Storage Control Apparatus, Storage System, Control Method...

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FIG. 19

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FIG. 20

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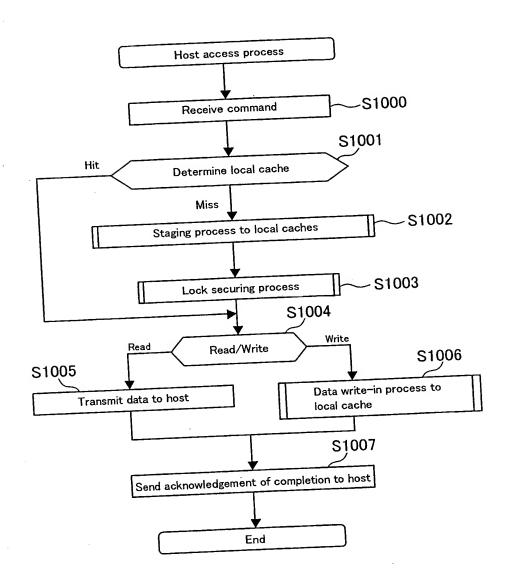
1000					
	Control	memor	у		
1010					
	Contr	ol area			
	Address	Lock	Owner		
	Address	Lock	Owner		
L	ocal cache a	vailable	area table		
Logical address 0 Logical address 10					

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FIG. 21

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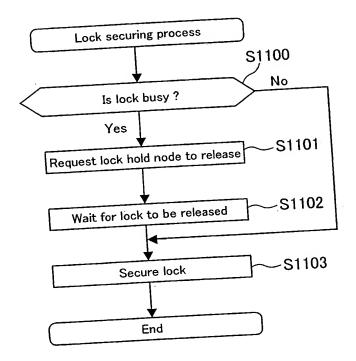
Titl: Storage Control Apparatus, Storage System, Control Method...

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FIG. 22

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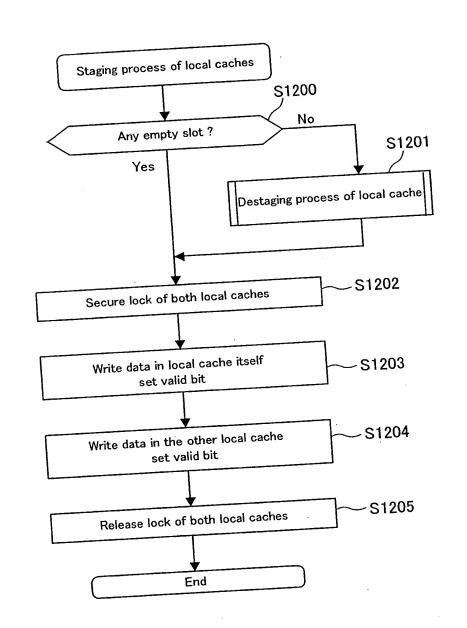
Title: Storage Control Apparatus, Storage System, Control Method...

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FIG. 23

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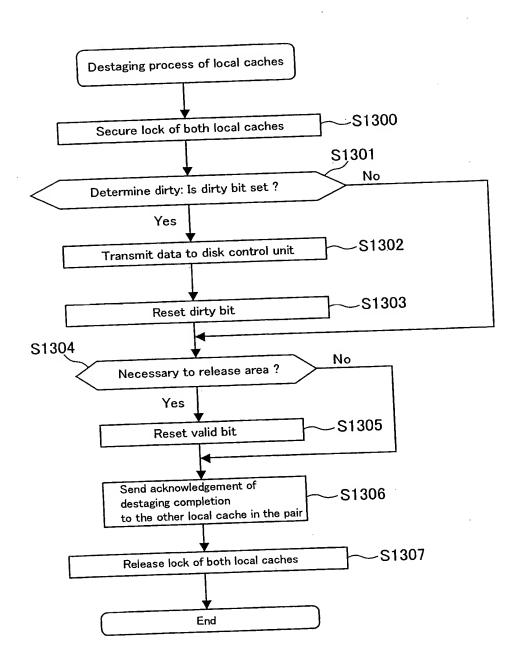


Title: Storage Control Apparatus, Storage System, Control Method...

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FIG. 24

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Titl: Storage Control Apparatus, Storage System, Control Method...

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FIG. 25

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